

Nell E. Van Schaack | Junior Software Engineer

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A highly adaptable and results-oriented software engineer eager to leverage my strong technical skills (JavaScript, React, MySQL, etc.) and proven ability to quickly master new technologies. Through my studies and previous career in nursing, I gained extensive experience with prioritization, problem solving, detail-oriented work, and schedule management. I'm a collaborative team player with a passion for continuous learning and innovation.

TECHNICAL SKILLS: JavaScript | React | HTML | CSS | MySQL | Git | Node | Express | Bootstrap | MongoDB | GraphQL

PROFESSIONAL EXPERIENCE

CONTRACT SOFTWARE DEVELOPER, AUSTIN, TX

June 2024 - Current

FinHub Application

[Live Demo](#) | [GitHub Client](#) | [GitHub Server](#)

Built and deployed FinHub for a current JP Morgan employee who expressed a need for a widget on their desktop that displays real-time data on several key financial indicators.

- Built RESTful APIs on separate servers to retrieve and deliver real-time data from multiple web APIs.
- Used React-Bootstrap to meticulously design a responsive, user-friendly widget.
- Built with Electron to allow the desktop app to run cross-platform.

REGISTERED NURSE, AUSTIN, TX

July 2021 – August 2024

Spicewood Surgery Center, Pre-op/ Peri-op/ Post-op Registered Nurse

August 2023 – August 2024

- Managed 30+ pre- and post- operative patients and procedures daily.
- Communicated expectations clearly and concisely to patients, family members, and caregivers in a high-stress setting.
- Managed complex scheduling and decision making throughout each day to maintain patient and surgeon satisfaction.

St. David's HealthCare

July 2021 – July 2023

- Managed complex patient cases across multiple specialties (Orthopedics, Neurosurgery, Med/Surg, Telemetry) in high volume settings.
- Prioritized and delegated tasks effectively, maximizing workflow and patient satisfaction.
- Made critical decisions under pressure, demonstrating strong analytical, problem-solving, and communication skills.
- Efficiently managed a heavy patient load and complex communication demands to achieve optimal patient outcomes, showcasing strong time management skills.

EDUCATION

CERTIFICATE, FULL STACK WEB DEVELOPMENT

University of Texas, Austin, TX

Quizzy

An interactive MERN stack quiz app for users to test their knowledge.

[Live Site](#) | [GitHub](#)

Tech Stack: Javascript | React | Node.js | Express.js | MongoDB | Mongoose | Apollo Server & Client | JWT | bcrypt | Render

- Added site-wide navigation for login/signup, home, and scores page using React Router.
- Implemented user authentication with JWT and bcrypt.
- Utilized GraphQL/Apollo for fetching quiz information stored in MongoDB database.
- Planned and structured MongoDB database storage for users and quizzes.

Happy Tails

A full-stack app that showcases information about a variety of pets available for adoption.

[Live Site](#) | [GitHub](#)

Tech Stack: Javascript | Express.js | Express Handlebars | PostgreSQL | Node.js | Sequelize | bcrypt | Darkmode-js | Render

- Led team of four by creating application concept and wire-framing application designs.
- Developed secure RESTful API with Node.js and Express.js to retrieve information about each animal up for adoption.
- Contributed to user authentication by using a model hook to hash the user's password before saving it to database.

BACHELOR OF SCIENCE IN NURSING

Georgetown University, Washington, D.C.

- NCAA Division I Student-Athlete (field hockey)

ORGANIZATIONS & AFFILIATIONS

[Austin Women in Technology \(AWT\)](#), Member

[Austin Women Software Engineers \(AWSE\)](#), Member